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| | | | | | |
| | | B6 | | | |
| | / . | | Ulbrich Karel, et al., Poly(ethylene glycols)s Con 1131-1144 (1986). | taining Enzymatically Degradable Be | onds, Makromol. Chem., Volume 187, p |
| | | 85 | 343-373 (1703). | | |
| | | | Harris, J. M, Laboratory Synthesis of Polyethyle 325-373 (1985). | ne Glycol Derivatives, JMS-Rev. Ma | cromol. Chem. Phys., C25(3), pp. |
| | | B4 | (1992). | наі кої лиргочей Спешоінегару, Аі | |
| 16301290 |) | B3 | Duncan, Ruth, Drug-Polymer Conjugates: Poten | tial For Improved Chemotheropy A | nti-Cancer Drugs Volume 3 nn 175-21 |
| 600 | 3 |) | Caliceti, P., et. al., Preparation and Properties of Amino Acid or a Peptide as spacer, II Farmaco, | Monomethoxy Poly(ethylene Glycol) Volume 48, Number 7, pp. 919-932 (1 | Doxorubicin Conjugates Linked by an 993). |
| W 2-2 | The state of the s | B2 | pp. 573-574 (1973). | | |
| | | | Weiner, Ben-Zion, et al., Polyethylene Glycol Der | rivatives of Procaine, Journal of Med | licinal Chemistry, Volume 16, Number 5 |
| | MADER | B1 | Benaglia Maurizio et. al., Synthesis of New Poly(Chemistry, Vol. 63, pp. 8628-8629 (1998). | ethyleneglycol)s with A High Loadin | g Capacity, Journal of Organic |
| EXAM | IAL | ot. | | Title, Date, Pertinent Pages, Etc.) | |
| JAN : | 2-1 201 | 201 | | Filing Date February 19, 2002 | Group Art Unit 1614 |
| 101 | PIG | 6.7 | ATION DISCLOSURE CITATION (Use several sheets if necessary) | Applicant(s) CHOE, Y.H., et. al. | 10/0/0,04/ |
| | _ | | | Docket Number (Optional) 213.1077-CTML-U | Application Number 10/078,649 |

not considered. Include copy of this form with next communication to applicant.

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| | , " | | | U | .S. PATENT | DOCUMENTS | | | | | |
| *EXAMINER | | | DOCUMENT NUMBER | DATE | | NAME | | CLASS | SUBCLASS | FILING DATE | i |
| B | A1 | 5,96 | 65,119 | 10/12/99 | Greenw | vald, et al. | | 0 | LE ST | 12/30/97 | |
| | A2 | 5,13 | 30,126 | 07/14/92 | Koyam | • | | ALIG | 2 2002 | 03/28/91 | |
| | A3 | 5,99 | 94,517 | 11/30/99 | Ts'o, e | t al. | | Sec. | 2 2002 | 11/22/96 | |
| + | A4 | 6,03 | 39,931 | 03/21/00 | Schmitt | t al. t-Willich, et al. nberg, et al. et al. | TECH . | que je | た日本 | 10/06/94 | |
| | A5 | 6,02 | 20,373 | 02/01/00 | Schelle | nberg, et al. | (E) | 150 \$ 20 | | 04/21/97 | |
| + | A6 | 5,88 | 85,548 | 03/23/99 | Maier, | et al. | | 1600/2 | | 11/30/95 | |
| | A7 | 5,75 | 56,825 | 05/26/98 | Safavy, | et al. | | | Q' | 04/16/93 | |
| A. | A8 | 4,94 | 43,579 | 07/24/90 | Vishnu | vajjala, et al. | | | | 10/06/87 | |
| | A9 | 5,28 | 83,339 | 02/01/94 | Arnold | , et al. | | | | 08/05/92 | |
| | A10 | 5,43 | 33,886 | 07/18/95 | Sherbo | ndy, et al. | | | | 05/07/92 | |
| 1 | A11 | 5,64 | 43,575 | 07/01/97 | Martin | ez, et al. | | | | 10/27/93 | |
| | | | | FOF | REIGN PATE | ENT DOCUMENTS | 3 | | | | |
| | 10 | d, | DOCUMENT NUMBER | DATE | | COUNTRY | | CLASS | SUBCLASS | TRANSI | NO_ |
| 7 | A12 | wo | O 99/45964 | 09/16/99 | PCT | | | | | | |
| | A13 | wo | D 96/23794 | 08/08/96 | PCT | | | | | | |
| | A14 | wo | O 81/01145 | 04/30/81 | PCT | | | | | | |
| | A15 | WC | O 93/24476 | 12/09/93 | PCT | | | | | | |
| 1 | A16 | wo | O 95/10304 | 04/20/95 | PCT | | | | | | |
| | 1 | | OTHER DOCUM | ENTS (Includ | ling Autho | r, Title, Date, P | Pertinent F | Pages, Etc. |) | | |
| R | | A17 | Guiotto, Andrea, et al., Reporter Dipeptide Me 177-180 (2002). | An Improved Pet-Beta-Ala for F | rocedure for rotein Con | or the Synthesis of jugation, Bioorga | f Branched anic & Med | Polyethylen licinal Chem | e Glycols (PEGistry Letters, v | Gs) with the rolume 12, p | e pgs. |
| 1 | | A18 | Ranganathan, D., et al. Adamantane Core, Te | Synthesis of To trahedron Lette | tally Chira rs, Volume | l, Multiple Armed 38, Number 7, p. | d, Poly Glu 1265-68 (1 | and Poly As 997). | p Scaffoldings | on Bifunct | ional |
| EXAMINE | R | | | a); a 0a | | DATÉ CONSIDE | ERED 2 | 19104 | + | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

(Use several sheets if necessary)

| ATTY DOCKET NO. 213.1077-CTML-U | SERIAL NO. 10/078,649 |
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| | | | <u> </u> | J.S. PATENT DOCUMENTS | | | |
|-----------|-------------|---|--|--|---------------------------------------|---------------|----------------------------|
| 'EXAMINER | | DOCUMENT NUMBER | OATE | NAME | c no I | D spaciass | FILING DATE IF APPROPRIATE |
| 1 | A19 | 5,646,159 | 07/08/97 | Wall, et al. | ALG 1 | 50,36 | 07/20/94 |
| | A20 | 5,679,852 | 10/21/97 | Platzek, et al. | PATE | 2002 | 06/02/95 |
| | A21 | 5,583,206 | 12/10/96 | Snow, et al. | & TRADE | MARKS | 11/28/94 |
| | A22 | 5,693,310 | 12/02/97 | Gries, et al. | 1 | | 11/19/90 |
| | A23 | 5,454,954 | 10/03/95 | Alfano, et al. | 76,0 | | 11/02/94 |
| | A24 | 5,569,720 | 10/29/96 | Mongelli, et al. | 16 , S) | 8 | 07/27/95 |
| | A25 | 5,547,981 | 08/20/96 | Greenwald, et al. | 10000 | • | 02/17/94 |
| | A26 | 5,622,986 | 04/22/97 | Greenwald, et al. | TO TO | | 10/19/94 |
| | A27 | 4,179,337 | 12/18/79 | Davis, et al. | | | 07/28/77 |
| | A28 | 5,183,660 | 02/02/93 | Ikeda, et al. | | | 08/15/91 |
| V | A29 | 5,489,589 | 02/06/96 | Wittman, et al. | | | 12/07/94 |
| | | | FOI | REIGN PATENT DOCUMENTS | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| | | | 0.4400400 | PCT | | | |
| P | A30 | WO 98/13059 | 04/02/98 | PCT | | 1 | 1 |
| A | A30 A31 | WO 98/13059 WO 01/09139 A1 | 04/02/98 | PCT | | | |
| A | | | | | | | |
| A | A31 | WO 01/09139 A1 | 02/08/01 | PCT | | | |
| | A31 A32 | WO 01/09139 A1 WO 96/22277 | 02/08/01 | PCT PCT | | | |
| | A31 A32 | WO 01/09139 A1 WO 96/22277 WO 99/30727 | 02/08/01 07/25/96 06/24/99 | PCT PCT | ent Pages. Etc.) | | |
| | A31 A32 A33 | WO 01/09139 A1 WO 96/22277 WO 99/30727 OTHER DOCUMAN Twyman, L.J., et al., Tetrahedron Letters, | 02/08/01 07/25/96 06/24/99 MENTS (Include The Synthesis of Volume 40, p. 17 | PCT PCT PCT Ing Author, Title, Date, Pertine Water Soluble Dendrimers, and the | eir Application as | Possible Drug | |
| EXAMINE | A31 A32 A33 | WO 01/09139 A1 WO 96/22277 WO 99/30727 OTHER DOCUMAN A34 Twyman, L.J., et al., Tetrahedron Letters, Greenwald, R.B., Rev polymeric conjugates. | 02/08/01 07/25/96 06/24/99 MENTS (Include The Synthesis of Volume 40, p. 17) iew Oncalogic, Exp. Opin. There | PCT PCT Ing Author, Title, Date, Pertine Water Soluble Dendrimers, and the 43-46 (1999). Indocrine & Metabolic Drug Delive r. Patents (1997) 7(6): 601-609 | eir Application as | Possible Drug | |
| EXAMINE | A31 A32 A33 | WO 01/09139 A1 WO 96/22277 WO 99/30727 OTHER DOCUMAN A34 Twyman, L.J., et al., Tetrahedron Letters, Greenwald, R.B., Rev polymeric conjugates. | 02/08/01 07/25/96 06/24/99 MENTS (Include The Synthesis of Volume 40, p. 17) iew Oncalogic, Exp. Opin. Then | PCT PCT Ing Author, Title, Date, Pertine Water Soluble Dendrimers, and the 43-46 (1999). Indocrine & Metabolic Drug Delive r. Patents (1997) 7(6): 601-609 | eir Application as ry Systems: antic | Possible Drug | gs and their |

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| | | | Ų | J.S. PATENT DOCUMENTS | | | | |
| *EXAMINER | | DOCUMENT NUMBER | DATE | NAME | CLASSOP | SUBCLASS | FILING DATE | |
| A | A36 | 5,498,729 | 03/12/96 | Domb | | 18 | 02/22/93 | |
| | A37 | 5,614,549 | 03/25/97 | Greenwald, et al. | ALIO 17 | TOOL THE | 01/30/95 | |
| | A38 | 5,672,584 | 09/30/97 | Borchardt, et al. | TENT & TRA | DEMARK! | 04/25/95 | |
| | A39 | 6,113,906 | 09/05/00 | Greenwald, et al. | 1 2 | | 12/29/98 | |
| | A40 | 5,605,976 | 02/25/97 | Martinez, et al. | ET ES | 20 | 05/15/95 | |
| | A41 | 5,561,119 | 10/01/96 | Jacquesy, et al. | TO P | 2 | 04/29/92 | |
| | A42 | 5,349,001 | 09/20/94 | Greenwald, et al. | TER 1600 290 | S | 01/19/93 | • |
| | A43 | 5,321,095 | 06/14/94 | Greenwald | TO TO THE PARTY OF | • | 02/02/93 | |
| | A44 | 5,122,614 | 06/16/92 | Zalipsky | | | 04/19/90 | |
| | A45 | 5,093,531 | 03/03/92 | Sano, et al. | | | 05/05/89 | |
| 1 | A46 | 4,179,337 | 12/18/79 | Davis, et al. | | | 07/28/77 | |
| | | | FOR | REIGN PATENT DOCUMEN | TS | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSL | ATION |
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| | 1 | OTHER DOCUM | • | ling Author, Title, Date, | | | Art Calle & | Immoh |
| | | Biotech., 20(1), 71-93 | Potential Blood S (1992) | Substituted from A Tetroni | c Polyol And A Modified | Hemogrovin, | Art. Cens & | Rimilop. |
| 1 | | A47 | | | | | | |
| V | | Ohya, Y., et al., Synth Doxorubicin via Ester | esis and Cytotox , Amide, or Schif | ic Activity of Conjugates of I's Base Bond, Journal of I | f Monomethoxy-Poly-(eth Bioactive and Compatible | ylene glycol) I Polymers Vol | and- Cappe 10 Jan., 19 | 1 with 95, 51-66 |
| EXAMINE | R | | - | DATE CONSI | DERED . | | | |
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| Y 4 | | ial if reference considered, whet ude copy of this form with next of | | | P 609; Draw line through cit | tation if not in c | onformance | and not |

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Choe, Y. H., et al. FILING 02/19/2002 SERIAL NO. 10/078,649 Choe, Y. H., et al.

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| | | | l | J.S. PATENT DOCUMENTS | | | | | |
| *EXAMINER | | DOCUMENT NUMBER | DATE | NAME | | CLASS | SUBCLASS | FILING DATE | |
| INITIAL | A49 | 5,112,739 | 05/12/92 | Meneghini, et al. | | 10, | C, 8 | 08/02/88 | |
| | A50 | 5,710,135 | 01/20/98 | Leenders, et al. | | ALIG 12 | DAY R | 05/24/96 | |
| File | A51 | 5,382,657 | 01/17/95 | Karasiewicz, et al. | | FIFT & TRAI | EMART | 08/26/92 | |
| | A52 | 5,614,549 | 03/25/97 | Greenwald, et al. | | REC | | 01/30/95 | |
| | A53 | 5,840,900 | 11/24/98 | Greenwald, et al. | | Au | 1/1/2 | 08/20/96 | |
| - | A54 | 6,005,002 | 12/21/99 | Springer, et al. | TECH | CENTER 16 | 2002 | 01/19/96 | |
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| | | OTHER DOCUM | MENTS (Includ | ding Author, Title, Date, F | Pertinent i | Pages, Etc.) | | | |
| <u> </u> | | Shearwater Polymers | , Inc., Catalog Po | lyethylene Glycol Derivative | es, 1997-19 | 98 | | | |
| | | A55 | | | | | | | |
| | - | Williams, Matthew A | ., and Henry Rap | oport, Synthesis of Enantion 151-1158 | nerically P | ure Diethylen | etriaminepent | aacetic Acid | i |
| \downarrow | | As6 | neni. 1173, 36, 11 | 131-1130 | | | | | |
| EXAMINE | R } | | 0 | DATE CONSID | ERED | 1. | | | |
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| Docket Number (Optional) 213.1077-CTML-U | Application Number 10/078,649 |
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| Applicant(s) Choe, Y.H., et al. | |
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| | | V2/17/2002 |
|----------------------|-----|--|
| *EXAMINER INITIAL | | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |
| A | A57 | Zalipsky, S., C. Gilon and A. Zilkha, Attachment of Drugs to Polyethylene Glycols, Eur. Folyer J., Vol. 19, No. 12, 59. |
| | A58 | Shearwater Polymers, Inc., Quarterly Newsletter, March 1998 RADEMARKS RADEMARKS RADEMARKS |
| | A59 | Ouchi, T., et al., Synthesis and Antitumor Activity of Poly(Ethylene Glycol)s Linked to 5-Fluorouracil via a Urethane of Bond. Drug Design & Discovery, 1992, Vol. 9, pp. 93-105 |
| | A60 | Greenwald, Richard B., et al., Drug Delivery Systems Employing 1,4-or 1,6-Elimination: Poly(ethylene-glycol) Prodrugs of Amine-Containing Compounds, Journal of Medicinal Chemistry, Volume 42, Number 18, pages 3657-3667, 1999 |
| | A61 | Maeda H., et al., Tumor vascular permeability and the EPR effect in macromolecular therapeutics: a review, Jour. of Controlled Release 65 (2000) pages 271-284 |
| | A62 | Greenwald, Richard B., et al., Drug Delivery Systems Based on Trimethyl Lock Lactonization: Poly(ethylene glycol) Prodrug of Amino-Containing Compounds, Journal of Medicinal Chemistry, Volume 43, Number 3, pages 475-487 (2000) |
| | A63 | de Bont, Dries B.A., et al., Synthesis and Biological Activity of B-Glucuronyl Carbamate-Based Prodrugs of Paclitaxel as Potential Candidates for ADEPT, Bioorganic & Medicinal Chemistry, Volume 5, Number 2, pages 405-414 (1997) |
| | A64 | Shearwater Polymers, Inc., Catalog- Polyethylene Glycol Derivatives, Star PEGS and Branched PEGS & Sulfhydryl Selective PEGS, 1997-1998; p.8,33 |
| | A65 | Leenders, R.G.G., et al., Highly Diastereoselective Synthesis of Anomeric B-O-Glycopyranosyl Carbamates from Isocyanates, Synthesis, November 1996; pp 1309-1312 |
| | A66 | Leenders, R.G.G., et al., B-Gucuronyl Carbamate Based Pro-moieties Designed for Prodrugs in ADEPT, Tetrahedron Letters Vol. 36, No. 10 pp. 1701-1704 (1995) |
| | A67 | Waldmann, H., et al., Synthesis of the Palmitoylated and Farnesylated C-Terminal Lipohexapeptide of the Human N-Ras Protein by Employing an Enzymatically Removable Urethane Protecting Group, Angew. Chem Int. Ed. 1995, 34, No.20, pp. 2259-2262 |
| | A68 | Jungheim, L.N. et al., Design of Antitumor Prodrugs: Substrates for Antibody Targeted Enzymes, Chem. Rev. 1994, Volume 94, pp. 1553-1566 |
| EXAMINER | 1 | DATE CONSIDERED |

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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not considered. Include copy of this form with next communication to applicant.

| Docket Number (Optional) 213.1077-CTML-U | Application Number 10/078,649 | | |
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| | | _ | 02/19/2002 1614 |
|---------|-------|-----------|---|
| *EXAMIN | 1 | | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |
| | | A69 | Bundgaard, H., The Double Prodrug Concept and its Applications, Advanced Drug Delivery Reviews, Vol. 3, pp. 39-65 (1989) |
| | | A70 | Wakselman, M. et al., An Alkali-labile Substituted Benzyloxycarbonyl Amino-protecting Group, JCS Chem. Comm. pp. 593-594 (1973) |
| | | A71 | Cari, P.L., et al., A Novel Connector Linkage Applicable in Prodrug Design, J. Med. Chem., Vol. 24, No. 5, 479-480 (1981) |
| | | A72 | Wang, B., et al., Synthesis of a Novel Esterase-Sensitive Cylic Prodrug System for Peptides That Utilizes a "Trimethyl Lock" Facilitated Lactonization Reaction, J. Org. Chem (1997), 62, 1363-67 |
| | | A73 | Amsberry, K.L. et al., The Lactonization of 2'-Hydroxyhydrocinnamic Acid Amides: A Potential Prodrug for Amines, J. Org Chem. Vol. 54, No. 23, pp. 5867-5877 (1998) |
| | | A74 | Carpino, L.A., Reductive Lactonization of Strategically Methylated Quinone Propionic Acid Esters Amides, J. Org. Chem., Vol. 54, No. 14, pp. 3303-3310 (1989) |
| | | A75 | Wang, B., et al., Chemical Feasibility Studies of a Potential Coumarin-Based Prodrug System, Bioorganic & Medicinal Chemistry Letters, Vol. 6, No. 8, pp 945-50 (1996) |
| | | A76 | Wang, et al., Coumarin-based Prodrugs 2. Synthesis and Bioreversibility Studies of an Esterase-Sensitive Cyclic Prodrug of Dadle, an Opioid Peptide, Bioorg. & Med. Chem. Letters, Vol. 6, No. 23, 2823-26 (1996) |
| | | A77 | Amsberry, K., et al., Amine Prodrugs which Utilize Hydroxy Amide Lactonization. I.A. potential Esterase-Sensitive Amide Prodrug Pharmaceutical Research Vol. 8, No. 4, 1991 |
| | | A78 | Shan, D., et al., Prodrug Stategies Based on Intramolecular Cyclization Reactions, Journal of Pharmaceutical Sciences, July 1997, Vol. 86, No. 7, pp 765-767 |
| | | A79 | Brana, Miguel, et al., Synthesis of Antitumor Dendritic Imides, Bioorganic & Medicinal Letters 11 (2001) Pgs. 3027-3029 |
| 1 | | A80 | Bogdanov, et al. Long-Circulating Blood Pool Imaging Agents, Advanced Drug Delivery Reviews 16 (1995) p. 335-348 |
| EXAMINE | ER | L | Channavagnela 21907 |
| *EXAMIN | ER: I | nitial if | citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in professionance and |

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| | | | | 02/19/2002 | 1614 |
|-----------|-----|--|----------------------------|---------------------------------|--|
| *EXAMINER | | OTHER DOCUMENTS (Including Author, Tit | le, Date, Per | tinent Pages, Etc.) | |
| ENITIAL | A81 | Hermentin, et al., Attachemnt of Rhodosaminylant Antibodies, Bioconjugate Chem., Vol. 1, No. 2, p. 1 | hracyclinon 00-107 (199 | ne-Type Anthracyclines t 00) | o the Hinge Region of Monoclonal |
| | A82 | Zier, et al., Polyethylene Glycol Bound Benzyl and Flourenyl Derivatives as Solubilizing Side-Chain Protecting Groups in Peptide Synthesis, Tetrahedron Letters, Volume 35, No. 7., pages 1039-1042 (1994) | | | |
| | A83 | Greenwald, et al., Poly(ethylene glycol) Conjugated Theraputic DDrug Carrier Systems, 17(2): 101-161 | | · | |
| | A84 | Hines, Jenniser V., et al., Paramagnetic Oligonucleotides: Contrast Agents for Magnetic Resonance Imaging with Proton Relaxation Enhancement Effects., Bioconjugate Chem., Vol. 10, No. 2, 1999, pp 155-158. | | | |
| | A85 | Chen, Jiyan., Thiol-Reactive Luminescent Chelates | of Terbius | n and Europium, Biocon | jugate Chem. 1999, 10, 311-315. |
| | A86 | King, Dalton H., et al., Monoclonal Antibody Conj for Increasing the Potency of Doxorubicin Immuno | conjugates | ., Dioconjugate Chenk, | · OI. 10, pp 2/3-200 (1999) |
| | A87 | Greenwald, R.B., et al., Highly Water Soluble Taxol Derivatives 2'-Polyethleneglycol Esters As Potential Prodrugs, Bioorganic & Medicinal Chemistry Letters, Vol 4. No. 20, pp. 2465-2470 (1999) | | | |
| | A88 | Ueda, Y., et al., Synthesis and Antiumor Evaluation of 2'-Oxcarbonylpaclitaxels (Paclitaxel-2'-Carbonates) Bioorganic & Medicinal Chemistry Letters, Vol. 4, No. 15,. pp. 1861-1864 (1994) | | | |
| | A89 | Greenwald, et al., Drug Delivery Systems based on Trimethyl Lock Lactonization: Poly(ethylene glycol) Prodrugs of amino-containing compounds; 2000, Chem. Abstract 132: 227266 | | | |
| | A90 | Greenwald, et al., Trialkyl-Lock-Facilitated Polym 131: 92540 | eric Prodr | ugs of Amino-containing | Bioactive Agents; 1999, Chem. Abstract |
| | | | | | OIPE |
| | | | | | ALIS 1 2 2002 |
| EXAMINER | | 0 | DATE CO | DNSIDERED | TRADEMAN |

L. Channavappale

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